

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 4

Serial No. 10/635,972

Filing Date 08/07/2003

Inventor Kerstin Willmann

Art Unit 1641

Examiner

Docket No. P-4298.P1C1



U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	DOCUMENT NUMBER	Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
GG	AA	4,654,312	03/1987	Chang et al	_____
GG	AB	4,902,613	02/1990	Chang et al.	_____
GG	AC	5,098,849	03/1992	Hilerio et al.	_____
GG	AD	5,597,563	01/1997	Beschorner	_____
GG	AE	5,627,025	05/1997	Steinman et al.	_____
GG	AF	5,627,040	05/1997	Bierre et al.	_____
GG	AG	5,643,786	07/1997	Cohen et al.	_____
GG	AH	5,648,219	07/1997	MacKay et al	_____
GG	AI	5,648,248	07/1997	Zenke et al.	_____
GG	AJ	5,698,679	12/1997	Nemazee	_____
GG	AK	5,788,963	08/1998	Murphy et al.	_____

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Examiner Initials	Cite No.	DOCUMENT NUMBER	Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ¹
GG	BA	WO 97/24438	07/1997		_____	
GG	BB	WO 97/29183	08/1997		_____	
GG	BC	WO 98/15579	04/1998		_____	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Serial No.	10/635,972
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GG	CA	Andersson, U. et al., "Enumeration of IFN-gamma-Producing Cells by Flow Cytometry," J. Immunological Methods, 112 (1) :139-142 (1988).	
GG	CB	Banchereau, J. et al., "Dendritic Cells and the Control of Immunity," Nature, 392:245-252 (1998).	
GG	CC	Becton Dickinson Immunocytometry Systems, "Detection of Intracellular Cytokines in Activated Lymphocytes," Application Note 1, Immune Function, 1-12 (1996).	
GG	CD	Caux, C. et al., "CD34+ Hematopoietic Progenitors from Human Cord Blood Differentiate Along Two Independent Dendritic Cell Pathways in Response to GM-CSF+TNF.alpha.," J. Exp. Med., 184 (2): 695-706 (1996).	
GG	CE	Caux, C. et al., "Tumor Necrosis Factor-alpha Strongly Potentiates Interleukin-3 and Granulocyte-Macrophage Colony-Stimulating Factor-Induced Proliferation of Human CD34.sup.+ Hematopoietic Progenitor Cells," Blood, 75 (12):2292-2298 (1990).	
GG	CF	deCaestecker, M.P. et al., "The Detection of Intracytoplasmic Interleukin-1.alpha., Interleukin-1.beta. and Tumor Necrosis Factor .alpha. Expression in Human Monocytes Using Two Colour Immunofluorescence Flow Cytometry," J. Immunological Methods, 154 (1) :11-20 (1992).	
GG	CG	de Saint-Vis, B. et al., "The Cytokine Profile Expressed by Human Dendritic Cells Is Dependent on Cell Subtype and Mode of Activation," J. Immunology, 160:1666-1676 (1998).	
GG	CH	Ghanekar, S. et al., "Cytokine Expression by Human Peripheral Blood Dendritic Cells Stimulated In Vitro with HIV-1 and Herpes Simplex Virus," J. Immunology, 157 (9) :4028-4036 (1996).	
GG	CI	Grouard, G. et al., "The Enigmatic Plasmacytoid T Cells Develop into Dendritic Cells with Interleukin (IL) -3 and CD40-Ligand," J. Exp. Med., 185 (6) :1101-1111 (1997).	
GG	CJ	Grouard, G. et al., "Role of Dendritic and Follicular Dendritic Cells in HIV Infection and Pathogenesis," Current Opinion in Immunology, 9 (4) :563-567 (1997).	
GG	CK	Hallden, G. et al., "A New Membrane Permeabilization Method for the Detection of Intracellular Antigens by Flow Cytometry," J. Immunological Methods, 124 (1) :103-109 (1989).	
GG	CL	Ingalls, R.R. et al., "CD11c/CD18, A Transmembrane Signaling Receptor for Lipopolysaccharide," J. Exp. Med., 181 (4) : 1473-1479.	
GG	CM	Jacob, M.C. et al., "Membrane Cell Permeabilisation With Saponin and Multiparametric Analysis by Flow Cytometry," Cytometry, 12 (6) :550-558 (1991).	
GG	CN	Jung, T. et al., "Detection of Intracellular Cytokines by Flow Cytometry," J. Immunological Methods, 159:197-207 (1993).	
GG	CO	Kabilan, L. et al., "Detection of Intracellular Expression and Secretion of Interferon-.gamma. at the Single-Cell Level After Activation of Human T Cells with Tetanus Toxoid In Vitro," European J. Immunology, 20 (5) :1085-1089 (1990).	
GG	CP	Kahan, Mel, "Detecting Intracellular Cytokines in Activated Monocytes," Application Note 2, Immune Function, Becton Dickinson Immunocytometry Systems, 1-12 (1997).	

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Examiner Initials	Cite No.				
GG	CQ	Lore K. et al., "Immunocytochemical Detection of Cytokines and Chemokines in Langerhans Cells and In Vitro Derived Dendritic Cells," <i>J. Immunological Methods</i> , 214:97-111 (1998).			
GG	CR	Macatonia, S.E. et al., "Dendritic Cells Produce IL-12 and Direct the Development of Th1 Cells from Naive CD4.sup.30 T Cells," <i>J. Immunology</i> , 154 (10):5071-5079 (1995).			
GG	CS	Maino, V.C. et al., "Flow Cytometric Method for Analysis of Cytokine Expression in Clinical Samples," <i>Clinical Immunology Newsletter</i> , 16(6) :95-98 (1996).			
GG	CT	O'Doherty, U. et al., "Human Blood Contains Two Subsets of Dendritic Cells, One Immunologically Mature and the Other Immature," <i>Immunology</i> , 82 (3) :487-493 (1994).			
GG	CU	Olweus, J. et al., "Dendritic Cell Ontogeny: A Human Dendritic Cell Lineage of Myeloid Origin," <i>Proc. Natl. Acad. Sci. USA</i> , 94 (23) :12551-12556 (1997).			
GG	CV	Picker, L.J. et al., "Direct Demonstration of Cytokine Synthesis Heterogeneity Among Human Memory/Effector T Cells by Flow Cytometry," <i>Blood</i> , 86 (4) :1408-1419 (1995).			
GG	CW	Prussin, C., Cytokine Flow Cytometry: Assessing Cytokine Production at the Single Cell level, <i>Clinical Immunology Newsletter</i> , 16 (6) : 85-91 (1996).			
GG	CX	Sander, B. et al., "Assessment of Cytokines by Immunofluorescence and the Paraformaldehyde-Saponin Procedure," <i>Immunological Reviews</i> , 119:65-93 (1991).			
GG	CZ	Scheinecker, C. et al., "Phenotypic, Morphological and Functional Analysis of CD11c.sup.+ and CD11c Human Peripheral Blood Dendritic Cells," ASH Meeting, San Diego, Dec. 1997.			
GG	DA	Steinman, R.M. et al., "Identification of a Novel Cell Type in Peripheral Lymphoid Organs of Mice," <i>J. Exper. Med.</i> , 137:1142-1162 (1973).			
GG	DB	Steinman, R.M., "The Dendritic Cell System and Its Role in Immunogenicity," <i>Annu. Rev. Immunol.</i> , 9:271-296 (1991).			
GG	DC	Suni, M.A. et al., "Detection of Antigen-Specific T Cell Cytokine Expression in Whole Blood by Flow Cytometry," <i>Journal of Immunological Methods</i> , 212:89-98 (1998).			
GG	DD	Thomas, R. et al., "Human Peripheral Blood Dendritic Cell Subsets," <i>J. Immunology</i> , 153 (9) :4016-4028 (1994).			
GG	DE	Vikingsson, A. et al., "Enumeration of IFN-.gamma. Producing Lymphocytes by Flow Cytometry and Correlation with Quantitative Measurement of IFN-.gamma.," <i>J. Immunological Methods</i> , 173 (2) : 219-228 (1994).			
GG	DF	Waldrop, S.L. et al., "Determination of Antigen-specific Memory/Effector CD4.sup.+ T Cell Frequencies by Flow Cytometry," <i>J. Clinical Investigation</i> , 99 (7) :1739-1750 (1997).			
GG	DG	Weissman, D. et al., "Role of Dendritic Cells in Immunopathogenesis of Human Immunodeficiency Virus Infection," <i>Clinical Microbiology Reviews</i> , 10 (2) :358-367 (1997).			

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GG	DH	Willmann, K. et al., "Peripheral Blood Dendritic Cells Revealed by Flow Cytometry," Application Note 3, Reagents, Becton Dickinson Immunocytometry Systems, 1-12 (1998).		T ¹
GG	DI	Zhou, L. et al., A Distinct Pattern of Cytokine Gene Expression by Human CD83.sup.+ Blood Dendritic Cells, Blood, 86 (9) : 3295-3301 (1995).		
GG	DJ	Zoeteweij, J.P. et al., HIV-Dendritic Cell Interactions Promote Efficient Viral Infection of T Cells, J. Biomed. Sci., 5:253-259 (1998).		
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